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CENTRAL FAX CENTER****JUL 07 2005****IMPORTANT FAX DOCUMENT**

DATE July 7, 2005  
NAME Examiner Robert M. Kunemund, Art Unit 1722  
COMPANY United States Patent and Trademark Office  
APPLICATION NO. 10/650,240  
FAX NUMBER (703) 872-9306

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FROM TJ DeVale, Esq.  
OUR REFERENCE NO. 19232.0011U1  
OUR FAX NUMBER 678-420-9301  
NUMBER OF PAGES 4 (including cover sheet)

In Re Application of: Andreas Mueh

Title: Crystal-Growing Furnace, In Particular A Vertical Bridgman Crystal-Growing  
Furnace Or A Vertical Gradient Freeze Crystal-Growing Furnace Having A  
Jacket Heater And A Method Of Regulating The Heat Output Of The Jacket  
Heater

Application No. 10/650,240  
FILED: August 27, 2003  
REF. NO.: 19232.0011U1

**PLEASE FIND ATTACHED:**

- RESUBMISSION OF AMENDMENTS TO CLAIMS**  
1) Response to Notice of Non-Compliant Amendment Under 37 CFR 1.121  
2) Certificate of Facsimile Transmission dated July 7, 2005

**CONFIDENTIALITY NOTE**

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PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****RECEIVED  
CENTRAL FAX CENTER****JUL 07 2005**

In re Application of )

Andreas Mühe )

Art Unit: 1722 )

Application No. 10/650,240 )

Examiner: R. Kunemund )

Filing Date: August 27, 2003 )

Confirmation No. 6388 )

For: CRYSTAL-GROWING FURNACE, IN )  
PARTICULAR A VERTICAL )  
BRIDGMAN CRYSTAL-GROWING )  
FURNACE OR A VERTICAL GRADIENT )  
FREEZE CRYSTAL-GROWING )  
FURNACE HAVING A JACKET )  
HEATER AND A METHOD OF )  
REGULATING THE HEAT OUTPUT OF )  
THE JACKET HEATER )

**RESPONSE TO NOTICE OF NON-COMPLIANT  
AMENDMENT UNDER 37 CFR 1.121**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

July 7, 2005

Sir:

In response to the Notice of Non-Compliant Amendment mailed on June 28, 2005,  
Below is a re-submission of the Amendment filed on June 13, 2005 with a complete listing of  
all claims.

**Amendments to the Claims** are reflected in the Listing of Claims which begin on  
page 2 of this paper.

**Remarks** begin on page 4 of this paper.

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